



# Crop Progress and Condition

## National Agricultural Statistics Service

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For Week Ending: July 12, 2015

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**ALASKA:** There were **7.0 days suitable for fieldwork** last week. Temperatures were above normal again in most of the major growing areas, with many areas receiving small amounts of precipitation. **Crop growth** was reported as 25% slow, 55% moderate, 20% rapid statewide. No **wind and rain damage to crops** was reported last week.

**TANANA VALLEY:** An average of **7.0 days was suitable for fieldwork**. **Crop growth** was reported as 20% slow, 60% moderate, 20% rapid. First cutting **hay harvest** was reported as 40% complete. **Farm activities** for the week included harvesting hay, CRP maintenance, spreading manure, spraying for weeds on hay ground following first cutting, fertilizing hay for second cutting. Farmers markets were selling a variety of vegetables and herbs.

**MATANUSKA VALLEY:** An average of **7.0 days was suitable for fieldwork**. **Crop growth** was reported as 40% slow, 35% moderate, 25% rapid. First cutting **hay harvest** was reported as 70% complete. **Farm activities** for the week included harvesting hay and vegetables, fertilizing hay ground, weed control, irrigation, fence repair and general farm maintenance.

**KENAI PENINSULA:** An average of **6.0 days was suitable for fieldwork**. **Farm activities** for the week included cutting and baling hay, peony harvest is underway. Farmers markets are selling a variety of vegetables and herbs.

### Soil Moisture -- Alaska

	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil Moisture – State.....	10	45	45	0
Tanana Valley.....	0	50	50	0
Matanuska Valley.....	25	55	20	0
Kenai Peninsula.....	0	0	100	0
Subsoil Moisture – State .....	5	60	40	0
Tanana Valley.....	0	60	40	0
Matanuska Valley.....	5	70	25	0
Kenai Peninsula.....	0	0	100	0

### Soil Temperatures (F °) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2015	2014	2013	2015	2014	2013	High	Low	
UAF-AFES, Trunk Rd.....	61	60	61	63	60	63	80	50	0.12
Sawmill Creek.....	54	55	55	na	na	na	87	41	0.45
Plant Materials Center.....	na	59	64	na	57	57	80	50	0.07

Pan Evaporation<sup>1/</sup> UAF-AFES, Matanuska Experiment Farm, Palmer: 0.997

<sup>1/</sup> Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

### Crop Progress -- Alaska

	Percent completed			
	This week	Last week	Last year	5 year average
	(percent)	(percent)	(percent)	(percent)
Barley Headed.....	80	30	54	70
Oats Headed .....	5	5	0	26
Hay Harvested.....	60	40	46	49

na – not available

## Crop Condition -- Alaska

	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley.....	10	20	45	25	0
Oats.....	10	15	50	25	0
Potatoes.....	0	10	35	50	5
Hay.....	10	20	35	25	10

## Weekly Weather Statistics — Alaska: July 6 - July 12, 2015

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	89	49	64	+1	0.02	1	1.57	-1.03	17	629	+134	1,313
Fairbanks-Eielson .....	90	45	62	+0	0.12	2	3.08	-0.16	19	501	+36	1,155
Nenana .....	92	46	64	+3	0.01	1	1.73	-0.41	16	600	+182	1,279
Fort Greely-Allen .....	87	50	63	+2	0.33	2	2.84	-1.39	17	558	+135	1,217
Healy River Airport.....	86	47	62	+3	0.18	4	3.13	-0.98	32	453	+130	1,112
Gulkana Airport.....	86	41	61	+5	0.63	4	1.54	-1.27	13	401	+204	1,045
Sutton .....	77	46	59	+3	0.31	5	4.38	+1.26	37	309	+108	951
Palmer .....	79	51	62	+5	0.18	4	0.92	-1.78	15	447	+156	1,151
Talkeetna .....	82	53	63	+5	0.04	2	3.58	-1.59	28	444	+157	1,122
Willow Airport.....	80	50	62	+4	0.25	5	3.58	+1.33	35	469	+213	1,161
Anchorage International .....	81	51	63	+6	0.36	3	1.86	-0.43	18	470	+202	1,144
Kenai.....	70	42	56	+2	0.09	3	2.12	-0.50	27	206	+75	776
Homer.....	68	46	57	+4	0.08	2	1.04	-1.47	24	337	+233	1,021
Kodiak.....	66	48	55	+2	1.99	5	11.95	-1.48	41	220	+120	815

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2015.

For more weather information visit [www.awis.com](http://www.awis.com) or call 1-888-798-9955.

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